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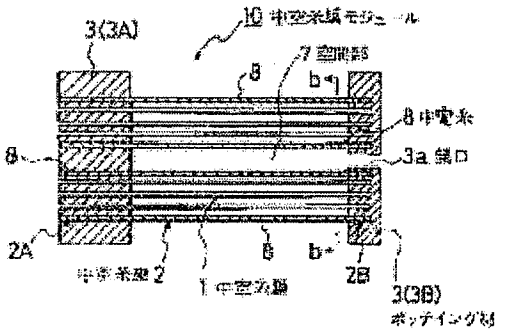
(54) HOLLOW YARN MEMBRANE MODULE AND SEPARATION METHOD USING THE SAME

(57)Abstract:

PURPOSE: To prevent the stagnation of a fluid in a hollow yarn bundle and the lowering of separation capacity accompanied by channeling and to separate a fluid with high efficiency by providing an opening piercing a potting material in the thickness direction thereof to the region on the internal side of the hollow yarn bundle of the potting material in which the leading end of the hollow yarn bundle is embedded so as to extend the same in the longitudinal direction of the hollow yarn bundle.



CONSTITUTION: One end 2A among both ends of a hollow yarn bundle 2 composed of a large number of arranged hollow yarn membranes 1 is exposed to the end surface of a potting material 3A to be opened and the other end 2b thereof is embedded in a potting material 3B to be sealed. An opening 3a piercing the potting material 3B on the sealed side in the thickness direction thereof is provided to the region on the internal side of the hollow yarn bundle 2 of the potting material 3B so as to extend through the space part 7 between the potting materials 3A, 3B in the